

| Ref # | Hits | Search Query  | DBs                | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--------------------|------------------|---------|------------------|
| L1    | 203  | (throughput bandwidth) with ((utility utilization usage) near3 resource)                            | USPAT              | OR               | OFF     | 2005/10/31 03:57 |
| L2    | 67   | 1 and partition\$3  | USPAT              | OR               | ON      | 2005/10/31 03:57 |
| L3    | 1014 | (throughput bandwidth) with ((utility utilization usage) near3 resource)                            | US-PGPUB;<br>USPAT | OR               | ON      | 2005/10/31 03:58 |
| L5    | 122  | 3 and partition\$3  | USPAT              | OR               | ON      | 2005/10/31 03:58 |
| L6    | 283  | (throughput) with ((utility utilization usage) near3 resource)                                      | US-PGPUB;<br>USPAT | OR               | ON      | 2005/10/31 03:58 |
| L7    | 52   | 6 and partition\$3  | USPAT              | OR               | ON      | 2005/10/31 04:07 |
| L8    | 1    | ("6314501").PN.   | USPAT              | OR               | OFF     | 2005/10/31 04:55 |
| L9    | 1    | (US-6789054-\$).did.  | USPAT              | OR               | OFF     | 2005/10/31 04:37 |
| L10   | 1    | 9 and network   | USPAT              | OR               | ON      | 2005/10/31 04:39 |
| L11   | 1    | 9 and partition\$3  | USPAT              | OR               | ON      | 2005/10/31 04:41 |
| L12   | 1    | 9 and throughput  | USPAT              | OR               | ON      | 2005/10/31 04:42 |
| L13   | 1    | 9 and parameter   | USPAT              | OR               | ON      | 2005/10/31 04:43 |
| L14   | 1    | 9 and ((resource utility utilization) with parameter)   | USPAT              | OR               | ON      | 2005/10/31 04:45 |
| L15   | 1    | 9 and real  | USPAT              | OR               | ON      | 2005/10/31 04:47 |
| L16   | 1    | 9 and graph   | USPAT              | OR               | ON      | 2005/10/31 04:47 |
| L17   | 1    | ("20020129082").PN.   | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/10/31 04:48 |
| L18   | 1    | 17 and (curve fit\$3)   | US-PGPUB;<br>USPAT | OR               | ON      | 2005/10/31 04:48 |
| L19   | 1    | 8 and (user agent)  | USPAT              | OR               | ON      | 2005/10/31 04:56 |
| L20   | 1    | 8 and calculat\$4   | USPAT              | OR               | ON      | 2005/10/31 04:57 |
| L21   | 1    | 8 and network   | USPAT              | OR               | ON      | 2005/10/31 04:57 |
| L22   | 5    | (US-20020129127-\$).did. or (US-6301616-\$ or US-3702462-\$ or US-6789054-\$ or US-6314501-\$).did. | US-PGPUB;<br>USPAT | OR               | OFF     | 2005/10/31 05:25 |
| L23   | 2    | 22 and ((utilization utility usage) with (cpu processor))   | USPAT              | OR               | OFF     | 2005/10/31 05:36 |
| L24   | 1    | 22 and workload   | USPAT              | OR               | OFF     | 2005/10/31 05:38 |
| L25   | 3    | 22 and (shar\$3 with memory)  | USPAT              | OR               | OFF     | 2005/10/31 05:46 |
| L26   | 0    | 22 and ((adjust\$3 modif\$4) with (workflow resource))  | USPAT              | OR               | OFF     | 2005/10/31 05:46 |
| L27   | 3    | 22 and (adjust\$3 modif\$4)   | USPAT              | OR               | OFF     | 2005/10/31 05:52 |
| L28   | 3    | 22 and (packet count\$3)  | USPAT              | OR               | ON      | 2005/10/31 05:55 |
| L29   | 2    | 22 and i/o  | USPAT              | OR               | ON      | 2005/10/31 05:55 |

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| L30 | 2   | 22 and (i/o same (processor cpu) same memory)   | USPAT   | OR | ON  | 2005/10/31 05:58 |
| L31 | 2   | 22 and (throughput with (resource utilization))   | USPAT   | OR | ON  | 2005/10/31 06:16 |
| L32 | 29  | ((curve near3 fit\$4) and (throughput with utilization))  | USPAT   | OR | ON  | 2005/10/31 06:16 |
| L33 | 54  | ((curve near3 fit\$4) and (throughput with utilization))  | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/31 06:16 |
| L34 | 25  | @ad<="20010308" and 33  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/10/31 06:17 |
| S1  | 3   | baskey.inv. and inter-partition.ti.   | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/10/28 15:14 |
| S2  | 354 | inter\$1operability with operating  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/26 20:49 |
| S3  | 23  | (throughput and resource) with partition  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/26 20:51 |
| S4  | 10  | @ad<="20010308" and ((throughput and resource) with partition)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/10/31 06:17 |
| S5  | 4   | (inter\$1operability with operating) and (@ad<="20010308" and ((throughput and resource) with partition)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/26 20:52 |
| S6  | 6   | ((@ad<="20010308" and ((throughput and resource) with partition)) not baskey.inv.                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/26 20:59 |
| S7  | 5   | ((@ad<="20010308" and ((throughput and resource) with partition)) not baskey.inv.) not international.as.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/26 20:59 |
| S8  | 25  | (throughput and util\$) with partition  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/26 20:57 |

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| S9  | 4  | (inter\$1operability with operating) and ((throughput and util\$) with partition)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/26 20:57 |
| S10 | 15 | @ad<="20010308" and ((throughput and util\$) with partition)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/28 16:05 |
| S11 | 1  | ((@ad<="20010308" and ((throughput and resource) with partition)) not baskey.inv.) and (((@ad<="20010308" and ((throughput and resource) with partition)) not baskey.inv.) not international.as.) and (@ad<="20010308" and ((throughput and util\$) with partition)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/26 20:57 |
| S12 | 4  | ((@ad<="20010308" and ((throughput and resource) with partition)) not baskey.inv.) not international.as. not ibm.as.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/26 20:58 |
| S13 | 11 | (@ad<="20010308" and ((throughput and util\$) with partition)) not baskey.inv.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/26 20:59 |
| S14 | 8  | ((@ad<="20010308" and ((throughput and util\$) with partition)) not baskey.inv.) not international.as.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/26 21:03 |
| S15 | 0  | (inter\$1operability with operating) and (((@ad<="20010308" and ((throughput and util\$) with partition)) not baskey.inv.) not international.as.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/26 20:59 |
| S16 | 3  | (calculat\$3 with resource with allocat\$) same ((util\$ throughput) and partition)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/27 09:01 |
| S17 | 2  | @ad<="20010308" and ((calculat\$3 with resource with allocat\$) same ((util\$ throughput) and partition))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2004/06/26 21:10 |

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| S18 | 3309628  | throughput divid\$3 util\$  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/26 21:21 |
| S19 | 103592   | (throughput divid\$3 util\$) and<br>partition and @ad<="20010308"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/26 21:15 |
| S20 | 7        | (determin\$3 with resource with<br>allocat\$) same ((util\$ throughput)<br>and partition)                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/27 08:47 |
| S21 | 7        | (throughput divid\$3 util\$) and<br>((determin\$3 with resource with<br>allocat\$) same ((util\$ throughput)<br>and partition)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/26 21:20 |
| S22 | 1        | throughput adj3 divid\$3 adj3 util\$  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/26 21:21 |
| S23 | 7        | throughput adj3 over adj3 util\$  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/26 21:21 |
| S24 | 20311913 | @ad<="20010308"   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/27 08:19 |
| S25 | 409      | throughput and utilization and<br>(allocat\$ near3 resource) and<br>partition   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/27 08:20 |
| S26 | 289      | @ad<="20010308" and<br>(throughput and utilization and<br>(allocat\$ near3 resource) and<br>partition )                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/27 08:20 |
| S27 | 25       | baskey.inv.   | US-PGPUB;<br>USPAT                                      | OR | OFF | 2004/06/27 08:20 |
| S28 | 285      | (@ad<="20010308" and<br>(throughput and utilization and<br>(allocat\$ near3 resource) and<br>partition )) not baskey.inv.       | US-PGPUB;<br>USPAT                                      | OR | OFF | 2004/06/27 08:21 |

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| S29 | 16 | throughput with utilization with divid\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/27 08:21 |
| S30 | 15 | (throughput with utilization with divid\$3) not baskey.inv.                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/27 08:21 |
| S31 | 14 | @ad<="20010308" and ((throughput with utilization with divid\$3) not baskey.inv. ) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2004/06/27 08:21 |
| S63 | 1  | (US-6301616-\$).did.   | USPAT   | OR | OFF | 2005/05/15 18:20 |
| S64 | 0  | S63 and (real\$1time dynamic\$5)   | USPAT   | OR | ON  | 2005/05/15 18:21 |
| S65 | 0  | S63 and (real\$1time dynamic\$5 live active)                                       | USPAT   | OR | ON  | 2005/05/15 18:21 |
| S66 | 2  | (US-20020129127-\$).did. or (US-6301616-\$).did.                                   | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/05/15 18:21 |
| S67 | 1  | S66 and (real\$1time dynamic\$5 live active)                                       | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/05/15 18:22 |
| S68 | 1  | S66 and performance  | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/05/15 18:22 |
| S69 | 0  | ("52415935349755586260576850357718365104966542926").PN.                            | USPAT   | OR | OFF | 2005/10/28 15:15 |
| S70 | 1  | ("5241593").PN.  | USPAT   | OR | OFF | 2005/10/28 15:15 |
| S71 | 1  | ("0534975").PN.  | USPAT   | OR | OFF | 2005/10/28 15:15 |
| S72 | 1  | ("5586260").PN.  | USPAT   | OR | OFF | 2005/10/28 15:15 |
| S73 | 1  | ("5768503").PN.  | USPAT   | OR | OFF | 2005/10/28 15:15 |
| S74 | 1  | ("0577183").PN.  | USPAT   | OR | OFF | 2005/10/28 15:15 |
| S75 | 1  | ("6510496").PN.  | USPAT   | OR | OFF | 2005/10/28 15:16 |
| S76 | 1  | ("6542926").PN.  | USPAT   | OR | OFF | 2005/10/28 15:16 |
| S77 | 7  | S70 S71 S72 S73 S74 S75 S76  | USPAT   | OR | OFF | 2005/10/29 14:53 |
| S78 | 1  | ("20020129082").PN.  | US-PGPUB;<br>USPAT                                      | OR | OFF | 2005/10/28 16:02 |
| S79 | 1  | S77 and throughput   | USPAT   | OR | OFF | 2005/10/28 16:03 |
| S80 | 0  | S77 and (real\$1time (real adj time))  | USPAT   | OR | OFF | 2005/10/28 16:04 |
| S81 | 36 | (real\$1time (real adj time)) same (throughput with (utility utilization usage))   | USPAT   | OR | OFF | 2005/10/28 16:05 |
| S82 | 87 | (real\$1time (real adj time)) same (throughput with (utility utilization usage))   | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/28 16:07 |

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|----------|----------|--|---|----|-----|------------------|
| S83      | 20402109 | @ad<="20010308"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/10/28 16:05 |
| S84      | 30       | S82 and S83  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/10/28 16:07 |
| S85      | 26       | (real\$1time (real adj time)) with<br>(throughput with (utility utilization<br>usage)) | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/28 16:07 |
| S86      | 10       | S85 and S83  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/10/28 16:07 |
| S87      | 1        | (US-20020129127-\$).did.   | US-PGPUB  | OR | OFF | 2005/10/28 17:21 |
| S88      | 0        | S87 and (throughput bandwidth)   | USPAT   | OR | ON  | 2005/10/28 17:23 |
| S89      | 0        | S87 and (throughput bandwidth)   | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/28 17:25 |
| S90      | 1        | (US-6301616-\$).did.   | USPAT   | OR | OFF | 2005/10/28 17:24 |
| S91      | 0        | S90 and throughput   | USPAT   | OR | OFF | 2005/10/28 17:25 |
| S92      | 0        | S90 and transfer   | USPAT   | OR | OFF | 2005/10/28 17:25 |
| S93      | 0        | S87 and (throughput bandwidth<br>transfer)   | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/10/28 17:25 |
| S94      | 1        | ("5241593").PN.  | USPAT   | OR | OFF | 2005/10/29 14:53 |
| S95      | 1        | ("0534975").PN.  | USPAT   | OR | OFF | 2005/10/29 14:53 |
| S96      | 1        | ("5586260").PN.  | USPAT   | OR | OFF | 2005/10/29 14:53 |
| S97      | 1        | ("5768503").PN.  | USPAT   | OR | OFF | 2005/10/29 14:53 |
| S98      | 1        | ("0577183").PN.  | USPAT   | OR | OFF | 2005/10/29 14:53 |
| S99      | 1        | ("6510496").PN.  | USPAT   | OR | OFF | 2005/10/29 14:53 |
| S10<br>0 | 1        | ("6542926").PN.  | USPAT   | OR | OFF | 2005/10/29 14:53 |
| S10<br>1 | 7        | S94 S95 S96 S97 S98 S99 S100   | USPAT   | OR | OFF | 2005/10/29 14:53 |
| S10<br>2 | 2        | S101 and (throughput bandwidth)  | USPAT   | OR | OFF | 2005/10/31 03:54 |